

Marine sediment certified reference material for trace elements and other constituents

Art. ID NRC-MESS-4
Unit 50 g
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value	Antimony (Sb)	[7440-36-0]	1,07 ± 0,16	mg/kg		
Certified value	Arsenic (As)	[7440-38-2]	21,7 ± 2,8	mg/kg		
Certified value	Beryllium (Be)	[7440-41-7]	2,09 ± 0,28	mg/kg		
Certified value	Cadmium (Cd)	[7440-43-9]	0,28 ± 0,04	mg/kg		
Certified value	Chromium (Cr)	[7440-47-3]	94,3 ± 1,8	mg/kg		
Certified value	Cobalt (Co)	[7440-48-4]	13,0 ± 0,8	mg/kg		
Certified value	Copper (Cu)	[7440-50-8]	32,9 ± 1,8	mg/kg		
Certified value	Lead (Pb)	[7439-92-1]	21,5 ± 1,2	mg/kg		
Certified value	Lithium (Li)	[7439-93-2]	65,3 ± 6,8	mg/kg		
Certified value	Manganese (Mn)	[7439-96-5]	298 ± 14	mg/kg		
Certified value	Nickel (Ni)	[7440-02-0]	42,8 ± 1,6	mg/kg		
Certified value	Silver (Ag)	[7440-22-4]	0,161 ± 0,024	mg/kg		
Certified value	Strontium (Sr)	[7440-24-6]	132 ± 8	mg/kg		
Certified value	Thallium (Tl)	[7440-28-0]	0,85 ± 0,10	mg/kg		
Certified value	Tin (Sn)	[7440-31-5]	2,35 ± 0,12	mg/kg		
Certified value	Uranium (U)	[7440-61-1]	3,4 ± 0,4	mg/kg		
Certified value	Vanadium (V)	[7440-62-2]	216 ± 8	mg/kg		
Certified value	Zinc (Zn)	[7440-66-6]	147 ± 6	mg/kg		
Certified value	Aluminium (Al)	[7429-90-5]	79,1 ± 2,0	g/kg		
Certified value	Calcium (Ca)	[7440-70-2]	13,1 ± 0,6	g/kg		
Certified value	Chlorine (Cl)	[7782-50-5]	13,1 ± 4,4	g/kg		
Certified value	Iron (Fe)	[7439-89-6]	37,9 ± 1,6	g/kg		
Certified value	Magnesium (Mg)	[7439-95-4]	15,8 ± 1,2	g/kg		
Certified value	Phosphorus (P)	[7723-14-0]	1,04 ± 0,16	g/kg		
Certified value	Potassium (K)	[7440-09-7]	23,8 ± 1,0	g/kg		
Certified value	Silicon (Si)	[7440-21-3]	278 ± 20	g/kg		
Certified value	Sodium (Na)	[7440-23-5]	12,6 ± 0,8	g/kg		
Certified value	Sulfur (S)	[7704-34-9]	1,58 ± 0,20	g/kg		
Certified value	Titanium (Ti)	[7440-32-6]	3,84 ± 0,22	g/kg		
Reference value	Mercury (Hg)	[7439-97-6]	0,08 ± 0,06	mg/kg		
Reference value	Molybdenum (Mo)	[7439-98-7]	2,53 ± 0,12	mg/kg		

Information value	Barium (Ba)	[7440-39-3]	920	mg/kg
Information value	Bismuth (Bi)	[7440-69-9]	2,7	mg/kg
Information value	Bromine (Br)	[7726-95-6]	60	mg/kg
Information value	Carbon (C)	[7440-44-0]	17900	mg/kg
Information value	Cerium (Ce)	[7440-45-1]	72	mg/kg
Information value	Caesium (Cs)	[7440-46-2]	10	mg/kg
Information value	Europium (Eu)	[7440-53-1]	1,3	mg/kg
Information value	Gallium (Ga)	[7440-55-3]	18	mg/kg
Information value	Germanium (Ge)	[7440-56-4]	0,16	mg/kg
Information value	Hafnium (Hf)	[7440-58-6]	3	mg/kg
Information value	Indium (In)	[7440-74-6]	0,1	mg/kg
Information value	Lanthanum (La)	[7439-91-0]	35	mg/kg
Information value	Lutetium (Lu)	[7439-94-3]	0,11	mg/kg
Information value	Neodymium (Nd)	[7440-00-8]	42	mg/kg
Information value	Niobium (Nb)	[7440-03-1]	12	mg/kg
Information value	Rubidium (Rb)	[7440-17-7]	180	mg/kg
Information value	Rhenium (Re)	[7440-15-5]	0,004	mg/kg
Information value	Scandium (Sc)	[7440-20-2]	13,4	mg/kg
Information value	Samarium (Sm)	[7440-19-9]	5,5	mg/kg
Information value	Selenium (Se)	[7782-49-2]	1,5	mg/kg
Information value	Tantalum (Ta)	[7440-25-7]	1	mg/kg
Information value	Tellurium (Te)	[13494-80-9]	0,1	mg/kg
Information value	Thorium (Th)	[7440-29-1]	12	mg/kg
Information value	Tungsten (W)	[7440-33-7]	1,3	mg/kg
Information value	Yttrium (Y)	[7440-65-5]	20	mg/kg
Information value	Ytterbium (Yb)	[7440-64-4]	2	mg/kg
Information value	Zirconium (Zr)	[7440-67-7]	96	mg/kg
Information value	Monobutyltin (MBT)		<0,05	mg/kg
Information value	Monobutyltin (Sn)		<0,005	mg/kg
Information value	Tributyltin (TBT)	[688-73-3]	<0,005	mg/kg